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Rose M. Thiessen, Ph.D.

January 5, 2011

ATTN: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Title: SYSTEM AND METHODS FOR PROCESSING ANALYTE SENSOR
DATA
Letters Patent No. 7,778,680
Issued: August 17, 2010
Our Reference: DEXCOM.016A

Dear Sir:

Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

As the errors cited in the Certificate of Correction were incurred through the fault of the Applicant, enclosed is our payment in the amount of \$100. Please charge any additional fees to our Deposit Account No. 11-1410.

Respectfully submitted,

Knobbe, Martens, Olson & Bear, LLP



Rose M. Thiessen
Registration No. 40,202
Customer No. 68851

Enclosures

10254648:JSJ
010511

Orange County
949-760-0404

San Francisco
415-954-4114

Los Angeles
310-551-3450

Riverside
951-781-9231

Seattle
206-405-2000

Washington, DC
202-640-6400

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,778,680
APPLICATION NO. : 10/633,367
ISSUE DATE : August 17, 2010
INVENTOR(S) : Goode, et al.

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Issued Patent		<u>Description of Discrepancy</u>
Column	Line	
Page 1 (Item 56) Col. 1	4	Under U.S. Patent Documents, change "Mullin" to --Mullins--.
Page 1 (Item 56) Col. 2	10	Under Other Publications, change "Endocinol" to --Endocrinol--.
(Item 56) Page 5 Col. 1	63	Under Other Publications, change "Aniodic" to --Anodic--.
(Item 56) Page 5 Col. 1	69	Under Other Publications, change "Reproductivity" to --Reproducibility--.
(Item 56) Page 5 Col. 2	2	Under Other Publications, change "129-130." to --129-130, 2001.--.
(Item 56) Page 5 Col. 2	4	Under Other Publications, change "electodes" to --electrodes--.
(Item 56) Page 5 Col. 2	11	Under Other Publications, change "radiotelemtric" to --radiotelemetric--.
(Item 56) Page 5 Col. 2	25	Under Other Publications, change "Implatation" to --Implantation--.
(Item 56) Page 6 Col. 1	3	Under Other Publications, change "allophyocyanin" to --allophycocyanin--.
(Item 56) Page 6 Col. 1	6	Under Other Publications, change "differntial" to --differential--.

MAILING ADDRESS OF SENDER:

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(Item 56) Page 6 Col. 1	11	Under Other Publications, change "electrode." to --electrodes--.
(Item 56) Page 6 Col. 1	13	Under Other Publications, change "Towars continous" to --Towards continuous--.
(Item 56) Page 6 Col. 1	19	Under Other Publications, change "interfereing substance." to --interfering substances--.
(Item 56) Page 6 Col. 1	26	Under Other Publications, change "Cos" to --Cox--.
(Item 56) Page 6 Col. 1	27	Under Other Publications, after "coming" delete "of".
(Item 56) Page 6 Col. 1	28	Under Other Publications, change "contious" to --continuous--.
(Item 56) Page 6 Col. 1	29	Under Other Publications, change "glucosee" to --glucose--.
(Item 56) Page 6 Col. 1	31	Under Other Publications, change "Biomaterilas" to --Biomaterials--.
(Item 56) Page 6 Col. 1	35	Under Other Publications, change "sensor" to --sensors--.
(Item 56) Page 6 Col. 1	38	Under Other Publications, change "pancrease" to --pancreas--.
(Item 56) Page 6 Col. 1	51	Under Other Publications, change "Ausseday" to --Aussedat--.
(Item 56) Page 6 Col. 1	68	Under Other Publications, change "reggedness" to --ruggedness--.

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(Item 56) Page 6 Col. 2	3	Under Other Publications, after "of" insert --a--.
(Item 56) Page 6 Col. 2	33	Under Other Publications, change "characterizaion. Biosensor" to --characterization. Biosensors--.
(Item 56) Page 6 Col. 2	35	Under Other Publications, change "continous" to --continuous--.
(Item 56) Page 6 Col. 2	44	Under Other Publications, change "biological" to --biological--.
(Item 56) Page 6 Col. 2	51	Under Other Publications, after "of" insert --the--.
(Item 56) Page 6 Col. 2	55	Under Other Publications, change "stud." to --study.--.
(Item 56) Page 7 Col. 1	7	Under Other Publications, change "peturbation" to --perturbation--.
(Item 56) Page 7 Col. 1	17	Under Other Publications, before "Amperometric" insert --1994.--.
(Item 56) Page 7 Col. 1	40	Under Other Publications, change "of" to --to--.
(Item 56) Page 7 Col. 1	40	Under Other Publications, change "month" to --months--.
(Item 56) Page 7 Col. 1	51	Under Other Publications, change "And" to --An--.
(Item 56) Page 7 Col. 1	63	Under Other Publications, change "Inhibiton" to --Inhibition--.

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(Item 56) Page 7 Col. 1	71	Under Other Publications, after "of" insert --a--.
(Item 56) Page 7 Col. 2	11	Under Other Publications, after "of" insert --an--.
(Item 56) Page 7 Col. 2	23	Under Other Publications, change "gluose" to --glucose--.
(Item 56) Page 7 Col. 2	46	Under Other Publications, change "9:L37-43." to --9:37-43.--.
(Item 56) Page 7 Col. 2	50	Under Other Publications, change "gavanic" to --galvanic--.
(Item 56) Page 7 Col. 2	58	Under Other Publications, change "Reproductibility" to --Reproducibility--.
(Item 56) Page 8 Col. 1	11	Under Other Publications, after "for" delete "an".
(Item 56) Page 8 Col. 1	16	Under Other Publications, change "eletrode" to --electrode--.
(Item 56) Page 8 Col. 1	23	Under Other Publications, change "independence" to --independent--.
(Item 56) Page 8 Col. 1	32	Under Other Publications, change "Close" to --Closed--.
(Item 56) Page 8 Col. 1	56	Under Other Publications, change "Science," to --Sciences,--.
(Item 56) Page 8 Col. 1	71	Under Other Publications, change "#" to --®--.

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(Item 56) Page 8 Col. 2	10	Under Other Publications, after "enzyme" insert --electrode--.
(Item 56) Page 8 Col. 2	31	Under Other Publications, change "vivo" to --vitro--.
(Item 56) Page 9 Col. 1	3	Under Other Publications, before "analogs" delete "infusion using insulin".
(Item 56) Page 9 Col. 1	65	Under Other Publications, change "Thechnol." to --Technol.--.
(Item 56) Page 9 Col. 2	2	Under Other Publications, change "dynamcs" to --dynamics--.
(Item 56) Page 9 Col. 2	14	Under Other Publications, change "Thechnol." to --Technol.--.
(Item 56) Page 9 Col. 2	33	Under Other Publications, change "assitance" to --assistance--.
(Item 56) Page 9 Col. 2	34	Under Other Publications, change "Thechnol." to --Technol.--.
(Item 56) Page 9 Col. 2	52	Under Other Publications, change "Senso" to --Sensor--.
(Item 56) Page 10 Col. 1	24	Under Other Publications, change "Membran" to --Membrane--.
20	3	Change "andrenostenedione" to --androstenedione--.
20	17	Change "diphtheria/" to --diphtheria/--.
20	24	Change "perioxidase" to --peroxidase--.
20	33	Change "sissomicin" to --sisomicin--.

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20	37-38	Change "duodenalisa" to --duodenalis--.
20	45	Change "Trepenoma pallidium" to --Treponema pallidum--.
20	46	Change "stomatis" to --stomatitis--.
20	67	Change "barbituates" to --barbiturates--.
29	56	Change "corn" to --com--.
31	67	After "10" insert --,--.
41	55-62 (Approx.)	$R = \frac{\sum_i (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_i (x_i - \bar{x})^2} \sqrt{\sum_i (y_i - \bar{y})^2}}$ <p>Change " " to --</p> $R = \frac{\sum_i (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_i (x_i - \bar{x})^2} \sqrt{\sum_i (y_i - \bar{y})^2}}$ <p>--.</p>
43	10	In Claim 1, change "configures" to --configured--.
44	7	In Claim 14, before "method" insert --The--.
44	26 (Approx.)	In Claim 19, after "evaluating" insert --at least one of--.
44	64	In Claim 26, change "further is" to --is further--.
45	4	In Claim 28, change "claim 7," to --claim 27,--.
45	20	In Claim 31, change "and/or" to --or a--.

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